



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 5931

SERIAL NUMBER 10/762,867	FILING DATE 01/22/2004 RULE	CLASS 062	GROUP ART UNIT 3744	ATTORNEY DOCKET NO. PD-03W067
-----------------------------	---------------------------------------	--------------	------------------------	-------------------------------------

APPLICANTS

Carl S. Kirkconnell, Huntington Beach, CA;
 Kenneth D. Price, Long Beach, CA;
 Michael C. Barr, Torrance, CA; Anthony T. Finch, Hawthorne, CA;

** CONTINUING DATA *****

** FOREIGN APPLICATIONS *****

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
 ** 04/27/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met Verified and Acknowledged	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance <u>ms</u> Examiner's Signature Initials	STATE OR COUNTRY CA	SHEETS DRAWING 8	TOTAL CLAIMS 20	INDEPENDENT CLAIMS 3
------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	---------------------------	------------------------	-----------------------	----------------------------

ADDRESS

John E. Gunther
 Raytheon Company
 P.O. Box 902 (E1/E150)
 El Segundo, CA
 90245-0902

TITLE

Cryocooler with ambient temperature surge volume

FILING FEE RECEIVED 820	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue)
-----------------------------------	-------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------